

Titles of most frequently occurring classifications of patents returned
from a search of 10689210 on Oct 10 , 2007

- 7 455/436 (0 OR, 7 XR)
 Class 455 TELECOMMUNICATIONS
 455/403 .RADIOTELEPHONE SYSTEM
 455/422.1 ..Zoned or cellular telephone system
 455/436 ...Handoff
- 6 455/445 (3 OR, 3 XR)
 Class 455 TELECOMMUNICATIONS
 455/403 .RADIOTELEPHONE SYSTEM
 455/422.1 ..Zoned or cellular telephone system
 455/445 ...Call routing (e.g., to prevent backhaul, routing
 efficiency, least cost, or alternate routing)
- 5 455/560 (0 OR, 5 XR)
 Class 455 TELECOMMUNICATIONS
 455/73 .TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
 TRANSCEIVER)
 455/550.1 ..Radiotelephone equipment detail
 455/560 ...Switching unit detail (e.g., mobile telephone switching
 office (MTSO), base station controller (BSC), etc.)
- 4 455/522 (2 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/500 ..Plural transmitters or receivers (i.e., more than two
 stations)
 455/507 ...Central station (e.g., master, etc.)
 455/517To or from mobile station
 455/522Transmission power control technique
- 3 375/347 (0 OR, 3 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/316 .RECEIVERS
 375/346 ..Interference or noise reduction
 375/347 ...Diversity (frequency or time)
- 3 455/403 (1 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/403 .RADIOTELEPHONE SYSTEM
- 3 455/101 (1 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/91 .TRANSMITTER
 455/101 ..Diversity
- 3 370/350 (2 OR, 1 XR)
 Class 370 MULTIPLEX COMMUNICATIONS
 370/310 .COMMUNICATION OVER FREE SPACE
 370/345 ..Combining or distributing information via time channels
 370/350 ...Synchronization
- 3 455/442 (2 OR, 1 XR)
 Class 455 TELECOMMUNICATIONS
 455/403 .RADIOTELEPHONE SYSTEM
 455/422.1 ..Zoned or cellular telephone system
 455/436 ...Handoff
 455/442Soft handoff
- 3 375/148 (1 OR, 2 XR)

- Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/130 .SPREAD SPECTRUM
 - 375/140 ..Direct sequence
 - 375/147 ...Receiver
 - 375/148Multi-receiver or interference cancellation
- 3 342/457 (1 OR, 2 XR)
 - Class 342 COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 - (E.G., RADAR, RADIO NAVIGATION)
 - 342/350 .DIRECTIVE
 - 342/450 ..Position indicating (e.g., triangulation)
 - 342/457 ...Land vehicle location (e.g., bus, police car)
- 3 455/67.11 (1 OR, 2 XR)
 - Class 455 TELECOMMUNICATIONS
 - 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 - 455/67.11 ..Having measuring, testing, or monitoring of system or part
- 3 455/69 (1 OR, 2 XR)
 - Class 455 TELECOMMUNICATIONS
 - 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 - 455/68 ..With control signal
 - 455/69 ...Transmitter controlled by signal feedback from receiver
- 3 370/347 (1 OR, 2 XR)
 - Class 370 MULTIPLEX COMMUNICATIONS
 - 370/310 .COMMUNICATION OVER FREE SPACE
 - 370/345 ..Combining or distributing information via time channels
 - 370/347 ...Multiple access (e.g., TDMA)
- 2 455/524 (0 OR, 2 XR)
 - Class 455 TELECOMMUNICATIONS
 - 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 - 455/500 ..Plural transmitters or receivers (i.e., more than two stations)
 - 455/507 ...Central station (e.g., master, etc.)
 - 455/517To or from mobile station
 - 455/524Multiple base stations
- 2 370/342 (0 OR, 2 XR)
 - Class 370 MULTIPLEX COMMUNICATIONS
 - 370/310 .COMMUNICATION OVER FREE SPACE
 - 370/342 ..Combining or distributing information via code word channels using multiple access techniques (e.g., CDMA)
- 2 375/150 (0 OR, 2 XR)
 - Class 375 PULSE OR DIGITAL COMMUNICATIONS
 - 375/130 .SPREAD SPECTRUM
 - 375/140 ..Direct sequence
 - 375/147 ...Receiver
 - 375/150Correlation-type receiver
- 2 370/329 (2 OR, 0 XR)
 - Class 370 MULTIPLEX COMMUNICATIONS
 - 370/310 .COMMUNICATION OVER FREE SPACE
 - 370/328 ..Having a plurality of contiguous regions served by respective fixed stations
 - 370/329 ...Channel assignment
- 2 370/349 (0 OR, 2 XR)
 - Class 370 MULTIPLEX COMMUNICATIONS
 - 370/310 .COMMUNICATION OVER FREE SPACE
 - 370/345 ..Combining or distributing information via time channels

370/349 ...Using messages having an address field as header

2 455/501 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/500 ..Plural transmitters or receivers (i.e., more than two
 stations)
 455/501 ...Noise, distortion, or singing reduction

2 370/331 (1 OR, 1 XR)
 Class 370 MULTIPLEX COMMUNICATIONS
 370/310 .COMMUNICATION OVER FREE SPACE
 370/328 ..Having a plurality of contiguous regions served by
 respective fixed stations
 370/329 ...Channel assignment
 370/331Hand-off control

2 370/335 (1 OR, 1 XR)
 Class 370 MULTIPLEX COMMUNICATIONS
 370/310 .COMMUNICATION OVER FREE SPACE
 370/328 ..Having a plurality of contiguous regions served by
 respective fixed stations
 370/329 ...Channel assignment
 370/335Combining or distributing information via code word
 channels using multiple access techniques (e.g., CDMA)

2 455/525 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/500 ..Plural transmitters or receivers (i.e., more than two
 stations)
 455/507 ...Central station (e.g., master, etc.)
 455/517To or from mobile station
 455/524Multiple base stations
 455/525Base station selection

2 370/338 (0 OR, 2 XR)
 Class 370 MULTIPLEX COMMUNICATIONS
 370/310 .COMMUNICATION OVER FREE SPACE
 370/328 ..Having a plurality of contiguous regions served by
 respective fixed stations
 370/338 ...Contiguous regions interconnected by a local area network

2 704/219 (1 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/219 ...Linear prediction

2 375/E1.032 (0 OR, 2 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/E1.001 .SPREAD SPECTRUM TECHNIQUES IN GENERAL (EPO)
 375/E1.002 ..Using direct sequence modulation (EPO)
 375/E1.02 ...Interference-related aspects (EPO)
 375/E1.032The interference being multi path interference, e.g.,
 RAKE receivers (EPO)

2 455/137 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/132 ..Plural receivers
 455/137 ...With output combining

- 2 455/456.2 (2 OR, 0 XR)
 Class 455 TELECOMMUNICATIONS
 455/403 .RADIOTELEPHONE SYSTEM
 455/422.1 ..Zoned or cellular telephone system
 455/456.1 ...Location monitoring
 455/456.2Based on request signal
- 2 370/328 (0 OR, 2 XR)
 Class 370 MULTIPLEX COMMUNICATIONS
 370/310 .COMMUNICATION OVER FREE SPACE
 370/328 ..Having a plurality of contiguous regions served by
 respective fixed stations
- 2 455/277.2 (2 OR, 0 XR)
 Class 455 TELECOMMUNICATIONS
 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/269 ..With wave collector (e.g., antenna)
 455/272 ...Plural separate collectors
 455/277.1Selectively or alternately connected to receiver
 455/277.2By signal quality (e.g., noise)
- 2 455/132 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/132 ..Plural receivers
- 2 455/269 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/269 ..With wave collector (e.g., antenna).
- 2 455/279.1 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/269 ..With wave collector (e.g., antenna)
 455/272 ...Plural separate collectors
 455/278.1Combined with noise or interference elimination
 455/279.1Plural antenna currents entering single transformer
- 2 455/437 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/403 .RADIOTELEPHONE SYSTEM
 455/422.1 ..Zoned or cellular telephone system
 455/436 ...Handoff
 455/437Mobile assisted or initiated
- 2 455/272 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/269 ..With wave collector (e.g., antenna)
 455/272 ...Plural separate collectors
- 2 455/277.1 (0 OR, 2 XR)
 Class 455 TELECOMMUNICATIONS
 455/130 .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/269 ..With wave collector (e.g., antenna)
 455/272 ...Plural separate collectors
 455/277.1Selectively or alternately connected to receiver
- 2 455/422.1 (2 OR, 0 XR)
 Class 455 TELECOMMUNICATIONS
 455/403 .RADIOTELEPHONE SYSTEM

455/422.1 ..Zoned or cellular telephone system

2 455/428 (0 OR, 2 XR)
Class 455 TELECOMMUNICATIONS
455/403 .RADIOTELEPHONE SYSTEM
455/422.1 ..Zoned or cellular telephone system
455/427 ...Space satellite
455/428 Switching or routing

2 455/440 (0 OR, 2 XR)
Class 455 TELECOMMUNICATIONS
455/403 .RADIOTELEPHONE SYSTEM
455/422.1 ..Zoned or cellular telephone system
455/436 ...Handoff
455/440 Based upon unit location

2 455/517 (0 OR, 2 XR)
Class 455 TELECOMMUNICATIONS
455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500 ..Plural transmitters or receivers (i.e., more than two
stations)
455/507 ...Central station (e.g., master, etc.)
455/517 To or from mobile station

Most frequently occurring classifications of patents returned
from a search of 10689210 on Oct 10 , 2007

Original Classifications

3 455/445
2 370/329
2 370/350
2 455/442
2 455/456.2
2 455/277.2
2 455/422.1
2 455/522

Cross-Reference Classifications

7 455/436
5 455/560
3 375/347
3 455/445
2 455/403
2 455/524
2 455/101
2 370/342
2 375/150
2 370/349
2 455/501
2 455/525
2 370/338
2 375/148
2 375/E1.032
2 455/137
2 342/457
2 370/328
2 455/67.11
2 455/132
2 455/269
2 455/279.1
2 455/437
2 455/272
2 455/277.1
2 455/428
2 455/522
2 455/69
2 455/440
2 370/347
2 455/517

Combined Classifications

7 455/436
6 455/445
5 455/560
4 455/522
3 375/347
3 455/403
3 455/101
3 370/350
3 455/442
3 375/148
3 342/457
3 455/67.11
3 455/69
3 370/347
2 455/524

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2 370/342
2 375/150
2 370/329
2 370/349
2 455/501
2 370/331
2 370/335
2 455/525
2 370/338
2 704/219
2 375/E1.032
2 455/137
2 455/456.2
2 370/328
2 455/277.2
2 455/132
2 455/269
2 455/279.1
2 455/437
2 455/272
2 455/277.1
2 455/422.1
2 455/428
2 455/440
2 455/517